

ELECTRIC CABLE INSERT

ABSTRACT OF THE DISCLOSURE

There is provided an electric cable insert for removably electrically connecting a cable having multiple conductors to a mating receptacle wherein the number and configuration of the cable conductors may be different from those of the sockets of the mating receptacle. The insert includes a housing open on one end to an internal cavity and having a plurality of orifices in the other end. The cable conductors connect to one side of a circuit card within the housing which conductively transitions from the number and configuration of the cable conductors to the number and configuration of the sockets of the mating receptacle. Receptacle pins extend from the opposite side of the circuit card through respective orifices in the housing for connecting to respective sockets in the mating receptacle. A compressed sealing gland disposed within the housing adjacent the circuit card provides the insert with an energized compression seal from the environment. A driver closes the end of the housing and maintains compression in the sealing gland. The cable conductors pass through respective bores in the sealing gland and in the driver.